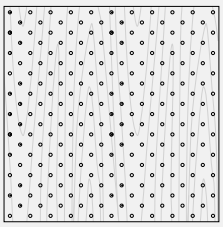
new WOODWORKS® Vector®

MicroPerforated Ceiling Panels



CAD/Revit® drawings at:
armstrongceilings.com/cadrevit



MicroPerf shown zoomed.
See details below.

WoodWorks Vector microperforated panels in Constants™ Walnut on heavy-duty Prelude® XL® 15/16" suspension system

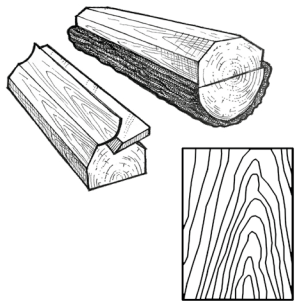
MicroPerforated panels combine the beauty of natural wood with "barely there" perforations for enhanced acoustic performance.

KEY SELECTION ATTRIBUTES

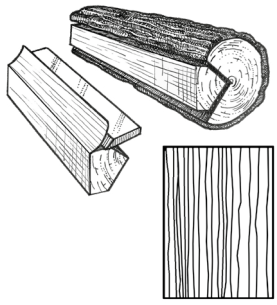
- Microperforated panels feature near-invisible perforations for acoustic performance of 0.70 NRC
- Vector® edge detail provides safe and secure downward accessibility without tools and narrow reveal visual (1/4")
- Standard veneers feature various species and cuts for beautiful wood visuals
- ASTM E84 Class A Fire Performance
- The natural warmth of wood can contribute to biophilic designs and building certification standards like the WELL™ v2 "Nature and Place" feature
- Create upturns for continuous visuals and clouds with WoodWorks® trim
- Acoustical fleece backing for improved sound absorption
- Installation with minimum plenum clearance
- Shorter lead times and lower cost than custom millwork
- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim
- USDA Biobased Content: 100%
- FSC® certified wood available as a premium quoted option (FSC® C007626)
- Made in the U.S.A. of domestic and global content
- Build America, Buy America (BABA) Act compliant

VENEER CUTS

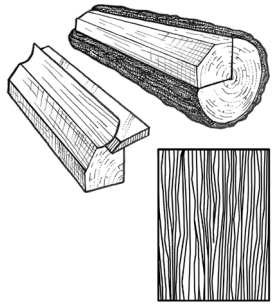
Different cuts of a log will yield different graining visuals. Choose your veneer to achieve your desired look.



Plain Sliced
Produces the well known cathedral or loop-grain effect.



Quarter Sliced
Produces a striped, often straight-grain effect.



Rift Sliced
Produces a tight, linear grain along the entire length of the veneer.

TechLine 877 276-7876
armstrongceilings.com/woodworks

Armstrong® World Industries

new WOODWORKS® Vector®

MicroPerforated Ceiling Panels

USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 100%

RECYCLED CONTENT
UP TO 80%

LEED V5

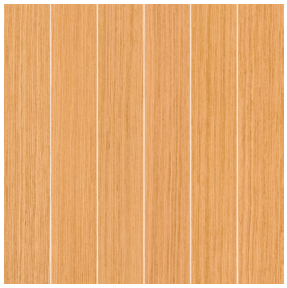
COMMON MATERIALS FRAMEWORK	Climate Health	EPD
	Human Health	EPD
		FSC®
	Circular Economy	✓
OCCUPANT EXPERIENCE	Acoustics	✓

FINISH RANGES

The carefully curated species and veneer cuts offer a beautiful natural variation. The images here reflect the visual range that is likely within our product. Darkest to lightest tones may occur within an installation due to the character of wood.


Plain Slice White Maple (NWM)


Plain Slice White Ash (NWA)


Vertical Grain Fir (NVF)


Rift White Oak (NRO)


Plain Slice White Oak (NOK)


Plain Slice Cherry (NPC)


Quartered Mahogany (NQM)


Quartered Sapele (NQS)


Quartered Walnut (NQW)


Plain Slice Walnut (NWN)

CUSTOM FINISHES


Custom Wood Species and Finishes Available

LEGACY VENEERS

Constants™
Vertical Grain


Walnut (CWA)


Redux Wood Wheat (CRW)

Due to printing limitations, shade may vary from actual product.

WOODWORKS® – Standard

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COMMON MATERIALS FRAMEWORK	Climate Health	EPD
	Human Health	EPD
	Ecosystem Health	FSC®
	Circular Economy	✓
OCCUPANT EXPERIENCE	Acoustics	✓

VISUAL SELECTION

PERFORMANCE

ACOUSTICAL INFORMATION

Edge Profile	Item No. ◆	Dimensions Nominal W × L × H (Inches)	Fire Rating
WOODWORKS® Vector® MicroPerforated Panels 15/16" Vector 1/4" Reveal	**5401F01P2 _ _ _**	24 × 24 × 3/4"	Class A
	6480F01P2 _ _ _	12 × 48 × 3/4"	Class A
	6482F01P2 _ _ _	24 × 48 × 3/4"	Class A
FSC® certified WOODWORKS Vector MicroPerforated Panels 15/16" Vector 1/4" Reveal	**5401F02P2 _ _ _**	24 × 24 × 3/4"	Class A
	6480F02P2 _ _ _	12 × 48 × 3/4"	Class A
	6482F02P2 _ _ _	24 × 48 × 3/4"	Class A

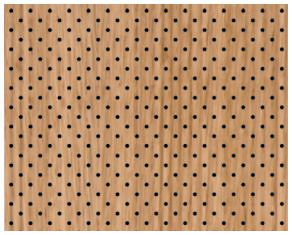
Perforation	Infill Panel Item No.	Description	NRC
P2 Micro Perforated		Panel Only	0.70
	8200T10	Fiberglass	0.85
	1713BL	School Zone® Fine Fissured™	0.80
	2820BK	Calla®	0.80
	5823	BioAcoustic™	0.80
	5479	BioAcoustic	0.80
	1318	Backstage Noir®	0.80

EXAMPLE: **5404 F02 P2 NWM**

- **5404** — Panel Dimension/Type: 24" x 24"
- **F02** — Substrate: FSC-certified
- **P2** — Perforation: P2 MicroPerforated
- **NWM** — Finish: Plain Slice White Maple

◆ When specifying or ordering, include the appropriate 3-letter veneer suffix.
For veneers, sizes, and perforation patterns available as special order, call TechLine at 1 877 276-7876.

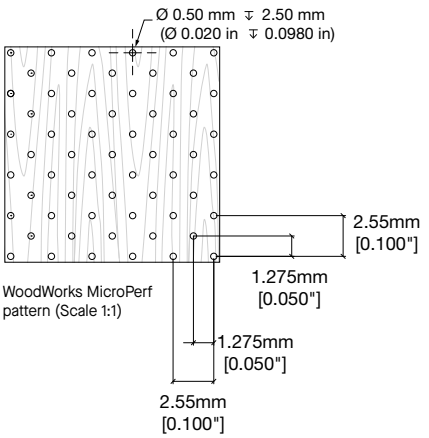
DETAILS



WoodWorks MicroPerf panel viewed at a 1-foot distance



WoodWorks MicroPerf panel viewed at a 10-foot distance



WoodWorks MicroPerf pattern (Scale 1:1)

WOODWORKS® – Standard

new WOODWORKS® Vector®

MicroPerforated Ceiling Panels

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LEED V5

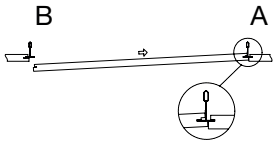
COMMON MATERIALS FRAMEWORK	Climate Health	EPD
	Human Health	Ecosystem Health	EPD
			FSC®
		Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	✓

ACCESSORIES

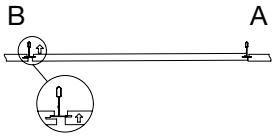
	Item No. ◆	Description	Dimensions Norminal W × L × H (Inches)	Color	PCS/ CTN
Suspension Systems	**7301BL**	Prelude® XL® 12' HD Main Beam	15/16 × 144 × 1-11/16"	Black	20
	XL7341BL	Prelude XL 4' Cross Tee	15/16 × 48 × 1-11/16"	Black	60
	XL8320BL	Prelude XL 2' Cross Tee	15/16 × 24 × 1-11/16"	Black	60
	7891	12-Gauge Hanger Wire	144" Length	Mill Finish	140
Accessories	**7425***	24" Stabilizer Bar	24" L	Mill Finish	100
	7445*	48" Stabilizer Bar	48" L	Mill Finish	100
	BERC2	2" Beam End Retaining Clip	N/A	Mill Finish	200
	MBAC	Main Beam Adapter Clip	7/8 × 144 × 7/8"	Mill Finish	70
Perimeter Trim	**7800BL**	7/8" Angle Molding	3/4 × 120 × 15/16"	Black	30
	7875	10' Shadow Molding for WoodWorks® Vector®	15/16 × 120 × 15/16"	White	30
	7897	10' Seismic Shadow Molding for WoodWorks Vector	15/16 × 120 × 15/16"	White	30
Infill Panels	**1713BL**	Fine Fissured™ Lay-in Panel	24 × 24 × 3/4"	Tech Black	14
	2820BK	Calla® Lay-in Panel	24 × 24 × 1"	Black	10
	5479	BioAcoustic™ Infill Panel	24 × 24 × 5/8"	Beige Matte	12
	1318	Backstage Noir® Square Lay-in Panel	24 × 24 × 3/4"	Black	12
	5823	BioAcoustic Infill Panel	24 × 24 × 5/8"	Black Matte	12
	8200T10	Fiberglass Infill Panel	24 × 24 × 1"	Black Gloss	12
FSC® certified Premium Trim*	**5415F02W1H4_ _ _**	4" WoodWorks Vector/Tegular Trim with 4 clips (Item 5925)	4 × 96 × 3/4"	All Veneers	4
	5415F02W1H6_ _ _	6" WoodWorks Vector/Tegular Trim with 4 clips (Item 5925)	6 × 96 × 3/4"	All Veneers	4

◆ When specifying or ordering, include the appropriate 3-letter color suffix that coordinates with your WoodWorks ceiling (e.g. 5415F02W1H4 N W M).
NOTE: Reference Price List for minimum order quantities. If replacement clips are needed, order Item 6041 (Hold-down Clips) or Item 5590 (Safety Clips); 100 PCS/CTN.
* Stabilizer bars are required if grid is not attached to perimeter with GCWA or BERC2.

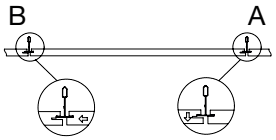
VECTOR PANEL INSTALLATION DETAILS



Step 1: Fully insert the deepest kerf of edge "A", the access kerf, onto the exposed grid flange.

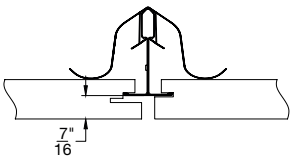


Step 2: Raise the "B" edge of the panel, the registration kerf, into the grid opening until the kerf lines up with the grid flange.

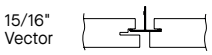


Step 3: Slide the panel so that the registration kerf on edge "B" engages the grid flange. Ensure that the access kerf on edge "A" drops down into the correct position.

PANEL FACE OFFSET



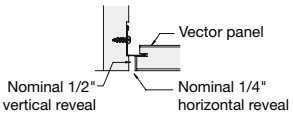
SUSPENSION SYSTEMS (Heavy-duty)



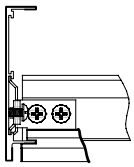
Prelude® HD

Heavy-Duty Prelude® XL® HD suspension system is available in many standard colors. Other colors available as special order.

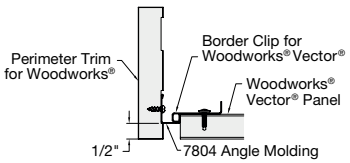
WOODWORKS® TRIM INSTALLATION



Wood Substrate Trim with Vector Panel



Aluminum Substrate
Trim Assembly for Vector Panel



Trim with Cut Vector Panel

PHYSICAL DATA

Material
Fire-rated particle board (FRPB) with real wood veneers. Vertical Grain Fir (NVF) is FRPB with a reconstituted veneer.

Surface Finish
Clear or tinted semi-gloss coating

Fire Performance
Class A: ASTM E84 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

CAN/ULC S102 surface burning characteristics. Flame Spread Rating 25 or less. Smoke Developed Classification 50 or less.

Primary (Embodied) Energy
See all LCA information on our EPDs.

Application Considerations
Variation among panels may occur due to the natural characteristics of the wood and grain.

It is very important that WoodWorks panels are climatized prior to installation. Relative humidity between 25% and 55%, and temperatures between 50°F and 86°F, must be maintained throughout the life of the product.

Design Considerations
When installed, microperforations are nearly invisible. However, a difference in sheen is apparent when they are installed next to non-microperforated panels. All perforated panels are standard with fleece attached. Panels without fleece must be specified specified and quoted through ASQuote.

Different panel sizes should not be installed together. Grain direction on 24" × 24" panels runs perpendicular to the A & B edge. Grain direction on 12" × 48" and 24" × 48" panels runs parallel to the A & B edge.

Installation Consideration
24" × 48" panels have aluminum splines on the short ends. Be aware that you will need to cut through these splines when cutting the panels.

Specification Consideration
Attention: For FSC-certified wood products to maintain their CoC certification, products must be sold to a CoC-certified distributor or directly to the installing contractor. Failure to do so breaks the CoC.

Seismic Restraint
WoodWorks Vector panels have been engineered, tested, and approved for application in all seismic areas when installed per Armstrong installation instructions.

Cleaning and Disinfecting
Cleaning and CDC-approved disinfecting options available on armstrong.com/cleaning

Warranty
Details at armstrong.com/warranty

Weight; Square Feet
24" × 24" – 1.63 LBS/SF
12" × 48" – 1.76 LBS/SF
24" × 48" – 1.58 LBS/SF

TechLine / 877 276-7876
armstrongceilings.com/woodworks

BPCS-7359-426

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